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# OCCUPATIONAL EMPLOYMENT IN TRADE, TRANSPORTATION, COMMUNICATION, PUBLIC UTILITIES, STATE AND LOCAL GOVERNMENT

NORTH CAROLINA

1982

EMPLOYMENT SECURITY COMMISSION
OF NORTH CAROLINA

Glenn R. Jernigan, Chairman

This is a cooperative program involving the Employment Security Commission of North Carolina, the Bureau of Labor Statistics, and the Employment and Training Administration of the U.S. Department of Labor.

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# INTRODUCTION

The manpower planning process has increased the need for information on occupational employment. The Employment and Training Administration and the Bureau of Labor Statistics, both of the U.S. Department of Labor, have developed the Occupational Employment Statistics (OES) Program to help meet these manpower planning needs. The OES Program has three main elements:

1. Periodic surveys of approximately 2,000 occupations by industry.

2. The National/State Industry Occupational Employment Matrix.

3. State and Area Manpower Projections by Industry and Occupation.

This report is the thirteenth published output of a North Carolina Occupational survey. This publication is based on a survey conducted between July, 1982 and March, 1983. Four divisions as defined by the 1972 Standard Industrial Classification Manual (SIC) are covered by this survey. These divisions are: (1) Wholesale Trade, (2) Retail Trade, (3) Transportation, Communication, Electric, Gas, and Sanitary Services (except Railroads and the U.S. Postal Service), and (4) State and Local Government.

In 1982 there were 942,900 persons employed in industries covered by this survey. This was 40.3 percent of the total nonagricultural wage and salary employment in the state. In the trade division there were 477,400 workers employed in 1982 in North Carolina. Of this total, 26.4 percent or 125,800 were employed in wholesale trade industries and 73.6 percent or 351,600 were employed in retail trade.

Chart A shows the relationship of nonagricultural wage and salary employment for the major divisions in the state for 1982. Chart B shows the average annual nonagricultural wage and salary employment in North Carolina from 1972 to 1982. Charts C and D show the average annual employment for trade and transportation, communication and public utilities in the state from 1972 to 1982. Chart E illustrates annual average employment in state and local government for the same period.

NOTE: Employment data for Charts A, B, C, D, and E are expressed as average annual figures. The information was obtained from the Current Employment Statistics (CES) unit of the Labor Market Information Division.

CHART A: 1982 NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY MAJOR DIVISION

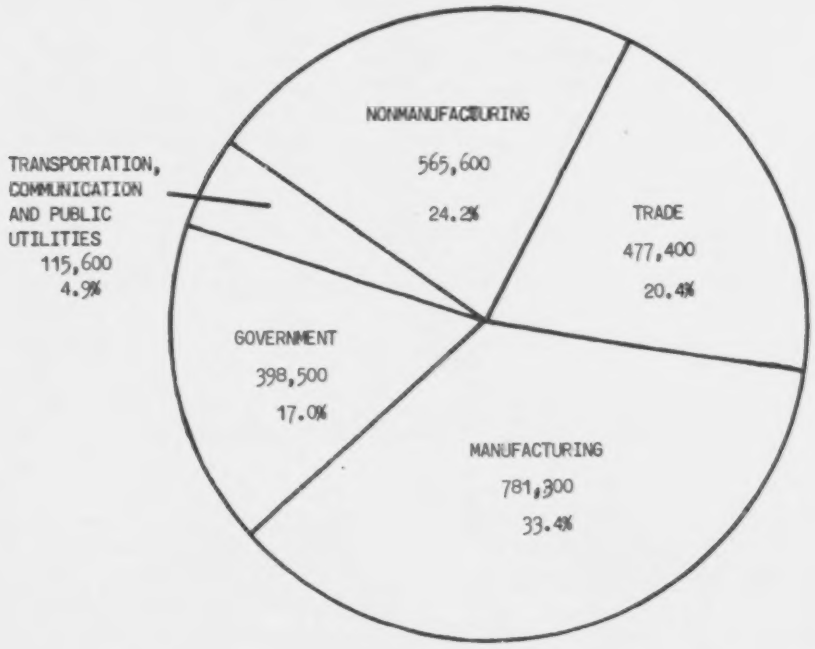



CHART B. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

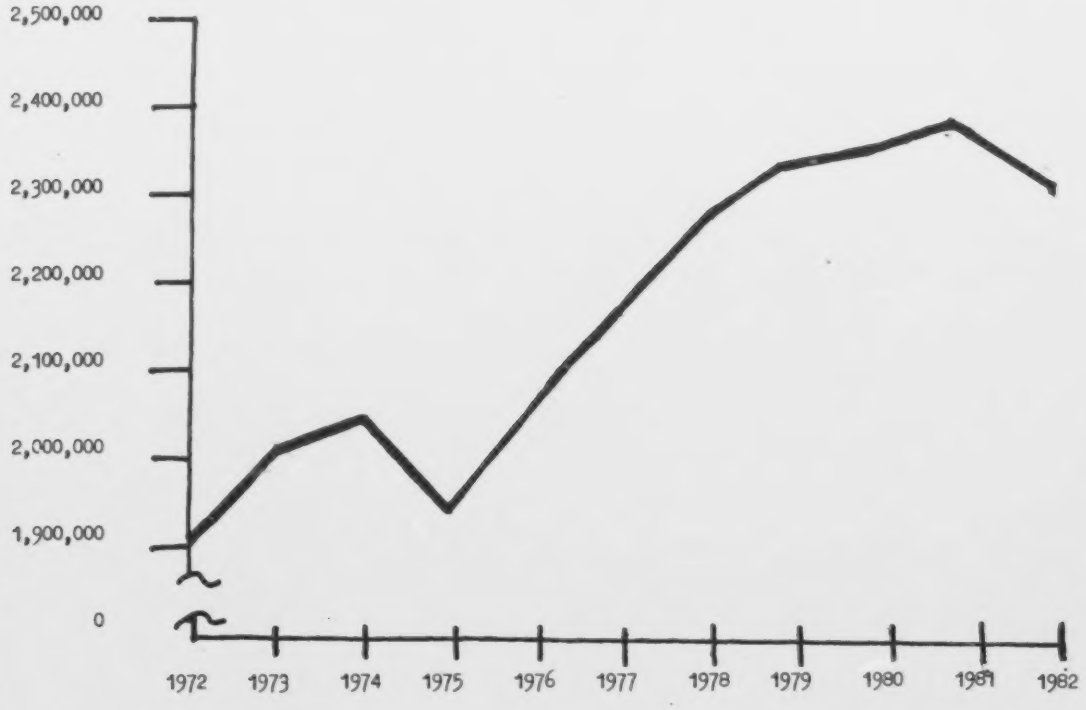


CHART C: TRADE WAGE AND SALARY EMPLOYMENT

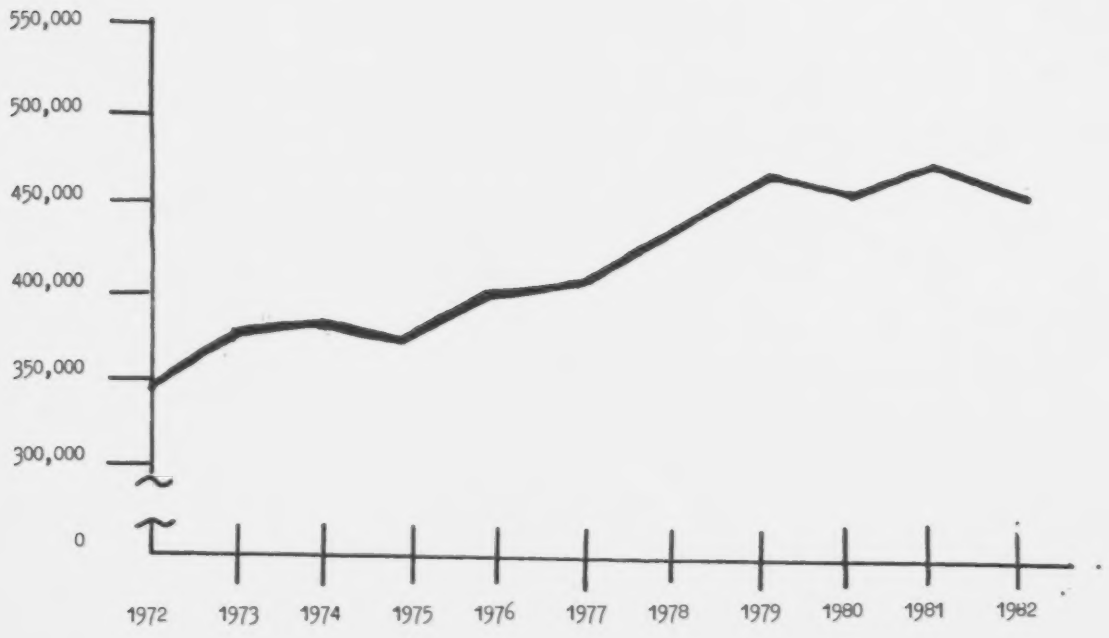



CHART D: TRANSPORTATION, COMMUNICATION, AND PUBLIC UTILITIES WAGE AND SALARY EMPLOYMENT

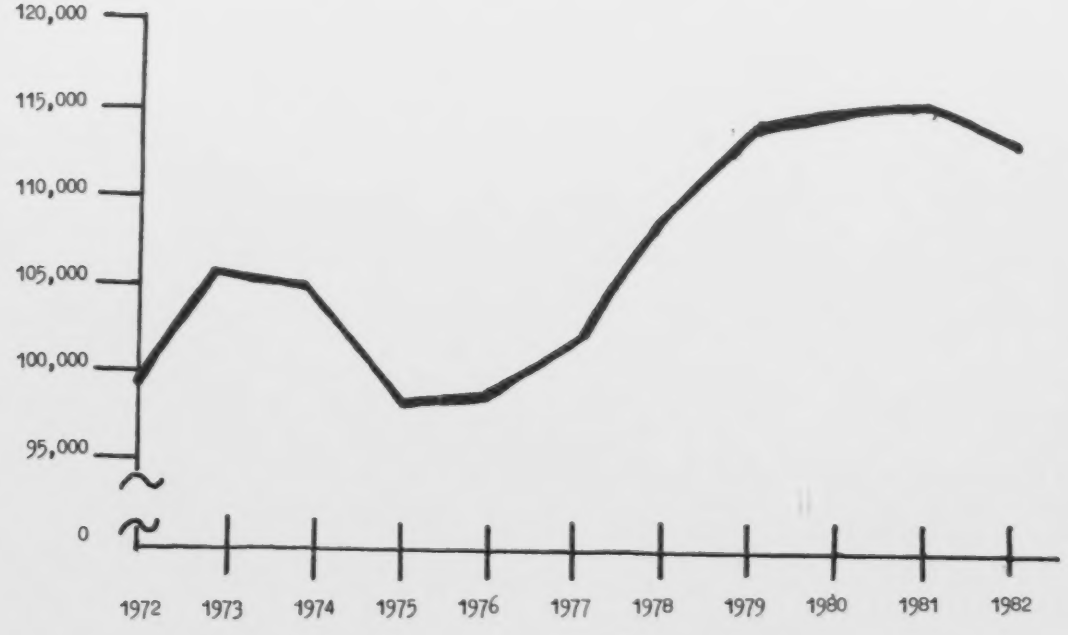
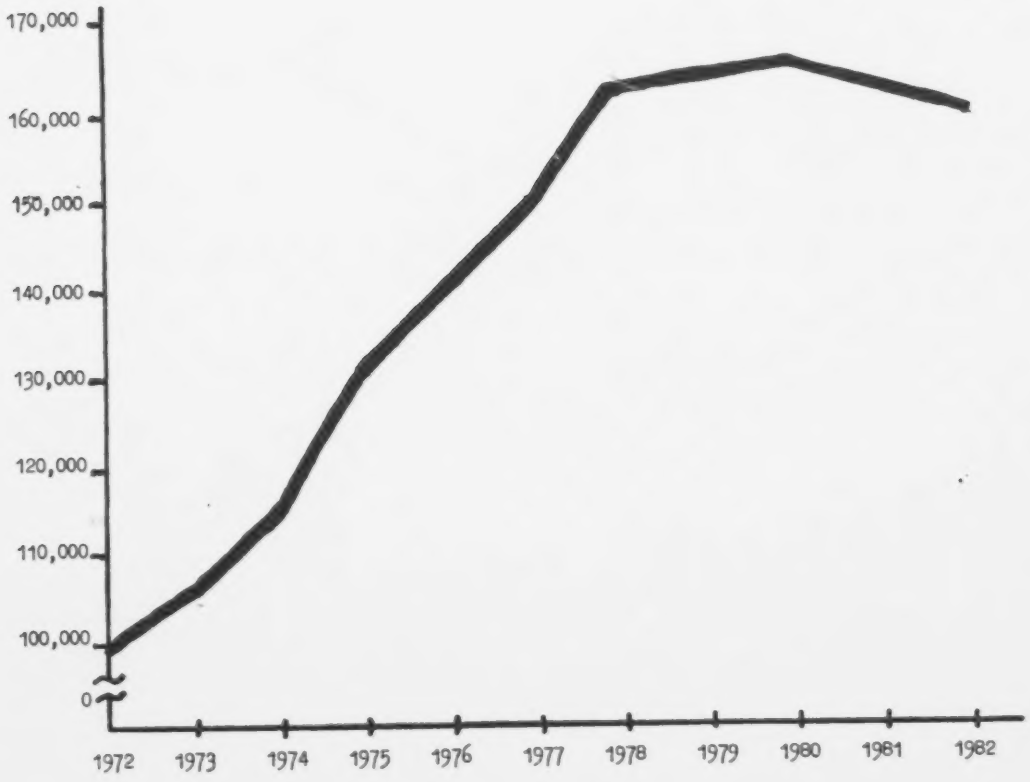


CHART E: STATE AND LOCAL GOVERNMENT WAGE AND SALARY EMPLOYMENT
(EXCLUDING EDUCATION AND HOSPITAL EMPLOYMENT)



## METHODOLOGY

A questionnaire was mailed to sampled trade, transportation, communication and public utility establishments in order to obtain occupational data. A concurrent study of state and local government was conducted as well. The total occupational employment for an industry was then estimated from the reporting establishments.

### Sample

The sample was drawn using procedures outlined in the OES Survey Operations Manual. Establishments were divided into different size classes by number of employees. All establishments with more than 250 employees were sampled. Establishments in each smaller size class were sampled in proportion to the employment in the size class; however, no establishment with fewer than four employees was sampled. Employment in these establishments was accounted for in the next larger size class. Each unit that was sampled was assigned a weight according to the ratio of units sampled in that size class. For example, when all units in a size class were sampled, the weight was one. When the units were sampled at a ratio of one out of four, the sampled unit was given a weight of four. The weighted establishment then represented itself and three other establishments.

### Collection

Data collection began in July, 1982, and ended in March, 1983. Two follow-up mailings, personal visits, or telephone calls were made to those establishments whose responses are vital for statistical purposes, to those who had difficulty completing the questionnaire, or to those requiring clarification of the response.

### Estimates

Data from the questionnaires were keypunched and loaded to tape. The tape was processed using the OES Survey Processing and Management Programs to sort and screen the data. The estimating program sorted the data into size class cells. The weighted employment of each occupation in each cell was then estimated individually and summed across all cells in order to produce the final occupational employment estimate for each industry.

### Error

Two types of errors, sampling and nonsampling, can affect the results of a survey. Sampling error is the difference between the estimates developed from data collected from a sample and the data collected from the universe from which the sample was drawn. Sampling error is measurable and is expressed as relative error. The relative error shown in this publication is such that the chances are two out of three that the results of comparable universal data collection would not differ by more than the percentage shown. Nonsampling error can arise from faulty questionnaire design, inability to collect necessary data, inaccuracey of data collected, and ineffective processing techniques. Nonsampling error cannot be measured.

## Publication

After the data file had been processed through the OES estimates programs, a computer printout was received which contained the estimated employment for each occupation, the relative error of the occupational estimate, the percent distribution of the occupational employment, the number of employees reported in each occupation, and the number of establishments which reported each occupation.

Industries were surveyed at the 3-digit SIC level; however, published data are at the 2-digit level of detail. The following exceptions were made to this format. Air Transportation, Certificated Carriers (SIC 451) and Grocery Stores (SIC 541) were published at the 3-digit level in light of their importance to their respective 2-digit industries and response levels of other 3-digit SIC's within those industries.

Occupational data were not published for industries when the industry employment was less than 1,000. The estimated employment for occupations was rounded to the nearest ten. The estimated employment was put in a residual category when the estimated employment for an occupation was less than 15 or less than 0.05 percent of the total group employment, when the relative error was more than 35 percent, or when an occupation was not reported by at least four establishments. Although they are not published here, the suppressed industry and occupation data will be included in the industry/occupation matrix.

Relative error is not applicable (N.A.) for residual categories, occupational group totals and total employment because it is not additive. The percent distribution was computed on the unrounded employment estimates; therefore, some occupations with the same published estimated employment may not have the same percent distribution. Six major occupational groups are listed for each industry. When there was no reported employment in an occupational group, the estimated employment is listed as zero. When the estimated employment for the occupational group was less than 15, the figure was not published.

NOTE: Occasionally the sum of the occupations will not equal the Total Employment of the Occupational Category because of rounding.

LOCAL AND SUBURBAN TRANSIT AND INTERURBAN
HIGHWAY PASSENGER TRANSPORTATION
(SIC 41)

June, 1982

This classification includes those establishments engaged in furnishing local and suburban passenger transportation as well as highway passenger transportation. Highway passenger terminals or maintenance facilities are also included in this major group.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 3,600 | N.A. | 100.0 |
| Managers and Officers | 170 | N.A. | 4.8 |
| Professional and Technical Workers | 210 | N.A. | 5.8 |
| Emergency Medical Technicians | 190 | 19.0 | 5.2 |
| Other Professional and Technical Workers | 20 | N.A. | 0.6 |
| Service Workers | 200 | N.A. | 5.6 |
| Janitors, Porters, and Cleaners | 70 | 22.4 | 1.9 |
| Guards and Doorkeepers | 30 | 22.8 | 0.8 |
| Baggage Porters | 60 | 24.0 | 1.7 |
| Other Service Workers | 40 | N.A. | 1.1 |
| Maintenance and Production Workers | 2,370 | N.A. | 65.8 |
| Supervisors | 20 | 12.6 | 0.7 |
| Mechanics and Repairers | 210 | N.A. | 5.8 |
| Automotive Mechanics | 110 | 9.5 | 3.0 |
| Diesel Mechanics | 100 | 11.8 | 2.8 |
| Baggage Handlers | 40 | 18.2 | 1.1 |
| Bus Drivers | 1,210 | 4.3 | 33.6 |
| Vehicle Cleaners | 50 | 10.2 | 1.4 |
| Trades Helpers | 30 | 14.0 | 0.9 |
| Taxi Drivers | 550 | 6.2 | 15.3 |
| Fuel Pump Attendants | 20 | 20.7 | 0.4 |
| School Bus Drivers | 200 | 8.5 | 5.6 |
| Other Semiskilled Workers | 40 | N.A. | 1.1 |
| Clerical Workers | 630 | N.A. | 17.5 |
| Supervisors | 20 | 19.3 | 0.6 |
| Accounting Clerks | 30 | 21.6 | 0.8 |
| Bookkeepers, Hand | 20 | 19.4 | 0.6 |
| General Office Clerks | 80 | 17.6 | 2.2 |
| Payroll/Timekeeping Clerks | 20 | 15.7 | 0.5 |
| Secretaries | 20 | 10.6 | 0.6 |
| Ticket Agents | 150 | 9.8 | 4.3 |
| Shipping/Receiving Clerks | 40 | 30.4 | 1.1 |
| Dispatchers, Vehicle, Service, or Work | 170 | 15.3 | 4.7 |
| Other Clerical | 80 | N.A. | 2.2 |
| Sales Workers | 20 | N.A. | 0.6 |

1/ Details may not add to total because of rounding or data suppression.

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING
(SIC 42)

May, 1982

This major group includes establishments furnishing local or long-distance trucking, or transfer services, or those engaged in the storage of farm products, furniture and other household goods, or commercial goods of any nature. The operation of terminal facilities for handling freight, with or without maintenance facilities, is also included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 42,820 | N.A. | 100.0 |
| Managers and Officers | 3,280 | 10.0 | 7.7 |
| Professional and Technical Workers | 490 | N.A. | 1.2 |
| Engineers | 40 | 23.5 | 0.1 |
| EDP Systems Analysts | 60 | 9.4 | 0.1 |
| Accountants and Auditors | 170 | 27.2 | 0.4 |
| Personnel and Labor Relations Specialists | 80 | 26.2 | 0.2 |
| Computer Programmers | 60 | 28.6 | 0.1 |
| Engineering Technicians | 30 | 47.6 | 0.1 |
| Other Professional and Technical Workers | 50 | N.A. | 0.1 |
| Service Workers | 320 | N.A. | 0.8 |
| Janitors, Porters, and Cleaners | 200 | 27.4 | 0.5 |
| Guards and Doorkeepers | 100 | 36.0 | 0.2 |
| Other Service Workers | 20 | N.A. | 0.1 |
| Maintenance and Production Workers | 31,520 | N.A. | 73.7 |
| Supervisors | 740 | 11.3 | 1.7 |
| Mechanics and Repairers | 2,110 | N.A. | 4.9 |
| Diesel Mechanics | 1,780 | 12.5 | 4.1 |
| Maintenance Mechanics | 40 | 8.7 | 0.1 |
| Other Mechanics and Repairers | 290 | N.A. | 0.7 |
| Tractor-Trailer Truck Drivers | 14,240 | 9.3 | 33.3 |
| Vehicle Cleaners | 50 | 25.6 | 0.1 |
| Industrial Truck Operators | 610 | 29.6 | 1.4 |
| Order Fillers | 190 | 19.9 | 0.5 |
| Tire Fabricators and Repairers | 90 | 23.7 | 0.2 |
| Tire Changers | 80 | 27.6 | 0.2 |
| Other Skilled Workers | 60 | N.A. | 0.1 |
| Other Semiskilled Workers | 8,030 | N.A. | 18.8 |
| Other Unskilled Workers | 5,320 | N.A. | 12.4 |
| Clerical | 6,750 | N.A. | 15.8 |
| Supervisors | 190 | 8.1 | 0.4 |
| Office Machine Operators | 410 | N.A. | 1.0 |
| Bookkeeping/Billing Machine Operators | 200 | 23.5 | 0.5 |
| Computer Operators | 80 | 11.1 | 0.2 |
| Keypunch Operators | 70 | 8.7 | 0.2 |
| Other Office Machine Operators | 60 | N.A. | 0.1 |
| Stenographers | 40 | 0.0 | 0.1 |
| Accounting Clerks | 500 | 27.0 | 1.2 |

MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING
(SIC 42)

May, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Adjustment Clerks | 130 | 24.2 | 0.3 |
| Claim Adjusters | 50 | 14.7 | 0.1 |
| File Clerks | 100 | 25.1 | 0.2 |
| General Office Clerks | 1,330 | 11.2 | 3.1 |
| Payroll/Timekeeping Clerks | 100 | 19.2 | 0.2 |
| Secretaries | 490 | 21.1 | 1.1 |
| Typists | 70 | 31.2 | 0.2 |
| Shipping/Receiving Clerks | 150 | 21.8 | 0.3 |
| Dispatchers, Vehicle, Service, or Work | 1,010 | 19.5 | 2.4 |
| Manifest Clerks | 30 | 21.1 | 0.1 |
| Rate Clerks, Freight | 380 | 22.0 | 0.9 |
| Other Clerical Workers | 1,770 | N.A. | 4.1 |
| Sales Workers | 460 | N.A. | 1.1 |

1/ Details may not add to total because of rounding or data suppression.

WATER TRANSPORTATION
(SIC 44)

April, 1982

This major group includes establishments engaged in freight and passenger transportation on the open seas or inland waters, and establishments furnishing such incidental services as lighterage, towing, and canal operation. Excursion boats, sightseeing boats, and water taxis are included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 1,350 | N.A. | 100.0 |
| Managers and Officers | 120 | N.A. | 8.9 |
| Captains, Water Vessel | 30 | 5.4 | 2.4 |
| Other Managers | 90 | N.A. | 6.7 |
| Professional and Technical Workers | 20 | N.A. | 1.5 |
| Service Workers | 50 | N.A. | 3.7 |
| Maintenance and Production Workers | 950 | N.A. | 70.4 |
| Mechanics and Repairers | 50 | N.A. | 3.7 |
| Ordinary Seamen | 30 | 6.2 | 2.4 |
| Ship Engineers | 20 | 20.7 | 1.2 |
| Other Skilled Workers | 40 | N.A. | 3.0 |
| Other Semiskilled Workers | 90 | N.A. | 6.7 |
| Other Unskilled Workers | 720 | N.A. | 53.3 |
| Clerical Workers | 190 | N.A. | 14.1 |
| Bookkeepers, Hand | 20 | 21.7 | 1.2 |
| General Office Clerks | 90 | 8.8 | 6.6 |
| Secretaries | 20 | 16.1 | 1.8 |
| Other Clerical Workers | 60 | N.A. | 4.4 |
| Sales Workers | 20 | N.A. | 1.5 |

1/ Details may not add to total because of rounding or data suppression.

AIR TRANSPORTATION, CERTIFICATED CARRIERS
(SIC 451)

June, 1982

Establishments of companies holding certificates of public convenience and necessity under the Civil Aeronautics Act, operating over fixed routes on fixed schedules. These companies may be primarily engaged in the transportation of revenue passengers or in the transportation of cargo or freight.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 5,870 | N.A. | 100.0 |
| Managers and Officers | 180 | N.A. | 3.0 |
| Professional and Technical Workers | 530 | N.A. | 9.0 |
| Engineers | 20 | N.A. | 0.3 |
| Teachers, Vocational | 50 | 11.1 | 0.9 |
| Purchasing Agents and Buyers | 40 | 8.1 | 0.7 |
| Accountants and Auditors | 30 | 5.6 | 0.5 |
| Computer Programmers | 20 | 7.1 | 0.3 |
| Airplane Pilots | 310 | 6.5 | 5.3 |
| Other Professional and Technical Workers | 60 | N.A. | 1.0 |
| Service Workers | 480 | N.A. | 8.2 |
| Supervisors | 60 | 11.7 | 1.0 |
| Flight Attendants | 370 | 5.7 | 6.3 |
| Baggage Porters | 30 | 20.8 | 0.6 |
| Other Service Workers | 20 | N.A. | 0.3 |
| Maintenance and Production Workers | 1,350 | N.A. | 23.0 |
| Supervisors | 100 | 9.4 | 1.7 |
| Mechanics and Repairers | 620 | N.A. | 10.6 |
| Aircraft Mechanics | 520 | 6.5 | 8.9 |
| Automotive Mechanics | 20 | 17.7 | 0.3 |
| Electronic Mechanics | 80 | 6.0 | 1.4 |
| Baggage Handlers | 180 | 27.0 | 3.1 |
| Vehicle Cleaners | 130 | 7.1 | 2.3 |
| Line-Service Attendants | 320 | 20.0 | 5.4 |
| Clerical Workers | 3,300 | N.A. | 56.2 |
| Supervisors | 130 | 10.0 | 2.2 |
| Office Machine Operators | 40 | N.A. | 0.7 |
| Computer Operators | 20 | 6.7 | 0.3 |
| Keypunch Operators | 20 | 7.5 | 0.4 |
| Accounting Clerks | 210 | 8.3 | 3.6 |
| Reservation Agents | 1,230 | 6.3 | 20.8 |
| General Office Clerks | 60 | 7.3 | 1.0 |
| Payroll/Timekeeping Clerks | 20 | 8.0 | 0.4 |
| Secretaries | 90 | 6.5 | 1.6 |
| Ticket Agents | 1,070 | 10.2 | 18.0 |
| Typists | 20 | 8.8 | 0.3 |
| Stock Clerks, Stockroom | 60 | 6.7 | 1.1 |

AIR TRANSPORTATION, CERTIFICATED CARRIERS
(SIC 451)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Dispatchers, Airplane | 50 | 21.2 | 0.8 |
| Crew Schedules | 40 | 7.7 | 0.7 |
| Transportation Agents | 210 | 16.1 | 3.6 |
| Other Clerical Workers | 70 | N.A. | 1.2 |
| Sales Workers | 30 | N.A. | 0.4 |
| Sales Representatives | 30 | 18.0 | 0.4 |

1/ Details may not add to total because of rounding or data suppression.

TRANSPORTATION SERVICES
(SIC 47)

April, 1982

This major group includes establishments furnishing services incidental to transportation, such as forwarding and packing services, and the arrangement of passenger and freight transportation.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 1,660 | N.A. | 100.0 |
| Managers and Officers | 340 | N.A. | 20.5 |
| Professional and Technical Workers | 540 | N.A. | 32.5 |
| Travel Agents | 540 | 5.0 | 32.5 |
| Service Workers | 30 | N.A. | 1.8 |
| Maintenance and Production Workers | 240 | N.A. | 14.5 |
| Other Skilled Workers | 30 | N.A. | 1.8 |
| Other Semiskilled Workers | 30 | N.A. | 1.8 |
| Other Unskilled Workers | 180 | N.A. | 10.8 |
| Clerical Workers | 450 | N.A. | 27.1 |
| Office Machine Operators | 50 | N.A. | 3.0 |
| Bookkeeping/Billing Machine Operators | 30 | 22.8 | 1.9 |
| Other Office Machine Operators | 20 | N.A. | 1.2 |
| Accounting Clerks | 30 | 22.1 | 1.8 |
| Bookkeepers, Hand | 70 | 11.8 | 4.1 |
| General Office Clerks | 100 | 16.8 | 5.9 |
| Receptionists | 20 | 24.3 | 1.3 |
| Secretaries | 20 | 17.9 | 1.5 |
| Other Clerical Workers | 160 | N.A. | 9.6 |
| Sales Workers | 60 | N.A. | 3.6 |
| Traffic Agents | 40 | 26.0 | 2.1 |
| Other Sales Agents | 20 | N.A. | 1.2 |

1/ Details may not add to total because of rounding or data suppression.

COMMUNICATION
(SIC 48)

May, 1982

This major group includes establishments furnishing point-to-point communication service, whether by wire or radio, and whether intended to be received aurally or visually; and radio and television broadcasting. Services for the exchange or recording of messages are also included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 29,740 | N.A. | 100.0 |
| Managers and Officers | 3,230 | N.A. | 10.8 |
| Professional and Technical Workers | 4,840 | N.A. | 16.3 |
| Engineers | 770 | N.A. | 2.6 |
| Electrical and Electronic Engineers | 740 | 7.2 | 2.5 |
| Other Engineers | 30 | N.A. | 0.1 |
| EDP Systems Analysts | 20 | 26.1 | 0.1 |
| Photographers | 180 | 26.4 | 0.6 |
| Television Camera Operators | 150 | 20.1 | 0.5 |
| Purchasing Agents and Buyers | 40 | 25.5 | 0.1 |
| Accountants and Auditors | 160 | 20.8 | 0.6 |
| Announcers | 1,380 | 11.5 | 4.6 |
| Broadcast News Analysts | 90 | 34.8 | 0.3 |
| Commercial Artists | 30 | 24.2 | 0.1 |
| Writers and/or Editors | 160 | 18.7 | 0.6 |
| Film Editors | 30 | 16.2 | 0.1 |
| Personnel and Labor Relations Specialists | 30 | 15.0 | 0.1 |
| Public-Relations Practitioners | 40 | 13.7 | 0.1 |
| Reporters and Correspondents | 300 | 14.1 | 1.0 |
| Right-Of-Way Agents | 160 | 10.9 | 0.6 |
| Technical Directors | 80 | 24.9 | 0.3 |
| Computer Programmers | 50 | 27.8 | 0.2 |
| Drafters | 130 | 16.5 | 0.4 |
| Engineering Technicians | 680 | N.A. | 2.3 |
| Electrical and Electronic Technicians | 320 | 30.5 | 1.1 |
| Broadcast Technicians | 300 | 22.8 | 1.0 |
| Other Engineering Technicians | 60 | N.A. | 0.2 |
| Other Professional and Technical Workers | 360 | N.A. | 1.2 |
| Service Workers | 430 | N.A. | 1.4 |
| Supervisors | 160 | 15.6 | 0.5 |
| Janitors, Porters, and Cleaners | 270 | 11.0 | 0.9 |
| Maintenance and Production Workers | 8,550 | N.A. | 28.7 |
| Supervisors | 590 | 7.9 | 2.0 |
| Mechanics and Repairers | 130 | N.A. | 0.4 |
| Automotive Mechanics | 110 | 11.3 | 0.4 |
| Other Mechanics and Repairers | 20 | N.A. | 0.1 |
| Cable Installers | 80 | 25.7 | 0.2 |
| Cable Repairers | 310 | 13.3 | 1.0 |

COMMUNICATION
(SIC 48)

May, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Cable Splicers | 630 | 8.0 | 2.1 |
| Central Office Repairers | 1,320 | 10.5 | 4.4 |
| Frame Wirers | 250 | 10.0 | 0.8 |
| Installers, Repairers and/or Section Maintainers | 1,460 | 6.2 | 4.9 |
| Line Installers-Repairers | 840 | 9.2 | 2.8 |
| Maintenance Repairers | 70 | 33.4 | 0.2 |
| Station Installers | 1,000 | 8.8 | 3.4 |
| Shop Repairers, Instrument | 30 | 9.3 | 0.1 |
| Trouble Locators, Test Desk | 420 | 6.9 | 1.4 |
| Other Skilled Workers | 290 | N.A. | 1.0 |
| Other Semiskilled Workers | 230 | N.A. | 0.8 |
| Other Unskilled Workers | 900 | N.A. | 3.0 |
| Clerical Workers | 11,470 | N.A. | 38.5 |
| Supervisors | 820 | 6.1 | 2.8 |
| Office Machine Operators | 280 | N.A. | 0.9 |
| Computer Operators | 120 | 16.1 | 0.4 |
| Keypunch Operators | 60 | 25.2 | 0.2 |
| Other Office Machine Operators | 100 | N.A. | 0.3 |
| Stenographers | 210 | 6.6 | 0.7 |
| Accounting Clerks | 1,820 | 5.0 | 6.1 |
| Cashiers | 130 | 22.9 | 0.4 |
| Collectors | 60 | 34.7 | 0.2 |
| File Clerks | 60 | 29.0 | 0.2 |
| General Office Clerks | 1,640 | 5.6 | 5.5 |
| Payroll/Timekeeping Clerks | 20 | 23.2 | 0.1 |
| Personnel Clerks | 30 | 14.1 | 0.1 |
| Private Branch Service Advisors | 60 | 10.1 | 0.2 |
| Secretaries | 450 | 7.7 | 1.5 |
| Statistical Clerks | 60 | 11.9 | 0.2 |
| Switchboard Operators/Receptionists | 50 | 20.0 | 0.2 |
| Traffic Clerks | 170 | 18.7 | 0.6 |
| Typists | 70 | 25.6 | 0.2 |
| Directory Assistance Operators | 520 | 22.4 | 1.7 |
| Central Office Operators | 2,240 | 5.8 | 7.5 |
| Customer Service Representatives | 990 | 6.4 | 3.3 |
| Production Clerks/Coordinators | 460 | 6.6 | 1.5 |
| Shipping/Receiving Clerks | 20 | 27.4 | 0.1 |
| Stock Clerks, Stockroom | 280 | 5.1 | 1.0 |
| Dispatchers, Vehicle, Service, or Work | 260 | 9.1 | 0.9 |
| Other Clerical Workers | 770 | N.A. | 2.6 |
| Sales Workers | 1,220 | N.A. | 4.1 |
| Sales Representatives | 1,200 | 8.6 | 4.0 |
| Sales Clerks | 20 | 31.1 | 0.1 |

1/ Details may not add to total because of rounding or data suppression.

ELECTRIC, GAS, AND SANITARY SERVICES
(SIC 49)

April, 1982

This major group includes establishments engaged in the generation, transmission and/or distribution of electricity, steam or combination electric and gas, and other utility services. Water and irrigation systems and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials, are also included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 24,790 | N.A. | 100.0 |
| Managers and Officers | 1,970 | N.A. | 7.9 |
| Professional and Technical Workers | 6,530 | N.A. | 26.3 |
| Engineers | 2,120 | N.A. | 8.6 |
| Civil Engineers | 30 | 15.7 | 0.1 |
| Electrical and Electronic Engineers | 520 | 4.4 | 2.1 |
| Industrial Engineers | 50 | 5.2 | 0.2 |
| Other Engineers | 1,520 | N.A. | 6.1 |
| Natural and Mathematical Scientists | 180 | 0.0 | 0.7 |
| EDP Systems Analysts | 110 | 3.6 | 0.4 |
| Purchasing Agents and Buyers | 50 | 10.6 | 0.2 |
| Accountants and Auditors | 340 | 3.3 | 1.4 |
| Personnel and Labor Relations Specialists | 210 | 2.0 | 0.8 |
| Right-Of-Way Agents | 60 | 9.4 | 0.2 |
| Home Economists | 20 | 8.3 | 0.1 |
| Computer Programmers | 390 | 2.0 | 1.6 |
| Drafters | 500 | 1.2 | 2.0 |
| Engineering Technicians | 1,190 | N.A. | 4.8 |
| Electrical and Electronic Technicians | 500 | 5.7 | 2.0 |
| Estimators and Drafters, Utilities | 180 | 12.7 | 0.7 |
| Other Engineering Technicians | 510 | N.A. | 2.1 |
| Science Technicians | 320 | 5.6 | 1.3 |
| Other Professional and Technical Workers | 1,040 | N.A. | 4.2 |
| Service Workers | 180 | N.A. | 0.7 |
| Supervisors | 20 | 8.8 | 0.1 |
| Janitors, Porters, and Cleaners | 140 | 8.1 | 0.6 |
| Other Service Workers | 20 | N.A. | 0.1 |
| Maintenance and Production Workers | 9,430 | N.A. | 38.0 |
| Supervisors | 530 | 6.3 | 2.1 |
| Mechanics and Repairers | 2,040 | N.A. | 8.2 |
| Automotive Mechanics | 200 | 5.2 | 0.8 |
| Electric Meter Installers | 200 | 19.3 | 0.8 |
| Gas Meter Installers | 30 | 7.4 | 0.1 |
| Engineering Equipment Mechanics | 100 | 9.4 | 0.4 |
| Hydroelectric Machinery Mechanics | 200 | 13.8 | 0.8 |
| Maintenance Mechanics | 780 | 5.4 | 3.1 |
| Power Transformer Repairers | 240 | 16.0 | 1.0 |
| Gas and Electric Appliance Repairers | 170 | 6.2 | 0.7 |
| Other Mechanics and Repairers | 120 | N.A. | 0.5 |

ELECTRIC, GAS, AND SANITARY SERVICES
(SIC 49)

April, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Truck Drivers | 120 | 22.7 | 0.5 |
| Carpenters | 120 | 0.0 | 0.5 |
| Control Room Operators | 390 | 9.1 | 1.6 |
| Electricians | 530 | 4.4 | 2.1 |
| Auxiliary Equipment Operators | 340 | 9.1 | 1.4 |
| Ground Workers, Utilities | 190 | 31.3 | 0.7 |
| Heavy Equipment Operators | 90 | 23.2 | 0.4 |
| Inspectors | 150 | 2.6 | 0.6 |
| Instrument Repairers | 170 | 7.4 | 0.7 |
| Line Installers-Repairers | 1,800 | 3.3 | 7.3 |
| Maintenance Repairers | 350 | 12.8 | 1.4 |
| Trades Helpers | 340 | 4.9 | 1.4 |
| Maintenance Painters | 100 | 2.4 | 0.4 |
| Pipelayers | 60 | 25.4 | 0.2 |
| Plumbers and Pipefitters | 470 | 2.6 | 1.9 |
| Refuse Collectors | 140 | 16.9 | 0.6 |
| Substation Operators | 110 | 12.8 | 0.4 |
| Welders and Flamecutters | 220 | 4.7 | 0.9 |
| Other Skilled Workers | 600 | N.A. | 2.4 |
| Other Semiskilled Workers | 370 | N.A. | 1.5 |
| Other Unskilled Workers | 200 | N.A. | 0.8 |
| Clerical Workers | 6,510 | N.A. | 26.2 |
| Supervisors | 370 | 2.0 | 1.5 |
| Office Machine Operators | 370 | N.A. | 1.5 |
| Bookkeeping/Billing Machine Operators | 70 | 32.6 | 0.3 |
| Computer Operators | 90 | 5.4 | 0.4 |
| Keypunch Operators | 60 | 19.2 | 0.2 |
| Other Office Machine Operators | 150 | N.A. | 0.5 |
| Stenographers | 280 | 6.4 | 1.1 |
| Accounting Clerks | 200 | 6.1 | 0.8 |
| Bookkeepers, Hand | 70 | 17.7 | 0.3 |
| Adjustment Clerks | 110 | 13.5 | 0.4 |
| Cashiers | 120 | 14.9 | 0.5 |
| Collectors | 130 | 11.9 | 0.5 |
| General Office Clerks | 1,940 | 3.6 | 7.8 |
| Payroll/Timekeeping Clerks | 30 | 12.9 | 0.1 |
| Personnel Clerks | 20 | 0.0 | 0.1 |
| Secretaries | 470 | 6.7 | 1.9 |
| Switchboard Operators/Receptionists | 20 | 24.5 | 0.1 |
| Typists | 70 | 3.2 | 0.3 |
| Customer Service Representatives | 370 | 7.7 | 1.5 |
| Meter Readers, Utilities | 720 | 7.4 | 2.9 |
| Shipping/Receiving Clerks | 250 | 3.4 | 1.0 |
| Stock Clerks, Stockroom | 220 | 5.4 | 0.9 |
| Dispatchers, Vehicle, Service, or Work | 90 | 27.0 | 0.4 |
| Other Clerical Workers | 660 | N.A. | 2.7 |

ELECTRIC, GAS, AND SANITARY SERVICES
(SIC 49)

April, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Sales Workers | 170 | N.A. | 0.7 |
| Sales Representatives | 170 | 9.9 | 0.7 |

1/ Details may not add to total because of rounding or data suppression.

WHOLESALE TRADE - DURABLE GOODS
(SIC 50)

June, 1982

Establishments in this major group are primarily engaged in the wholesale distribution of durable goods. These include motor vehicles and parts, furniture, construction materials, hardware and electrical supplies, and machinery, equipment, and supplies.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 74,530 | N.A. | 100.0 |
| Managers and Officers | 7,600 | N.A. | 10.2 |
| Managers, Merchandise | 2,670 | 10.7 | 3.6 |
| Managers, Wholesale | 2,430 | 11.9 | 3.2 |
| Other Managers | 2,500 | N.A. | 3.4 |
| Professional and Technical Workers | 6,740 | N.A. | 9.0 |
| Engineers | 410 | N.A. | 0.6 |
| Mechanical Engineers | 120 | 30.0 | 0.2 |
| Other Engineers | 290 | N.A. | 0.4 |
| Buyers, Retail and/or Wholesale Trade | 870 | 16.2 | 1.2 |
| Accountants and Auditors | 800 | 13.8 | 1.1 |
| Drafters | 150 | 29.2 | 0.2 |
| Engineering Technicians | 2,450 | N.A. | 3.3 |
| Electrical and Electronic Technicians | 2,380 | 32.7 | 3.2 |
| Other Engineering Technicians | 70 | N.A. | 0.1 |
| Other Professional and Technical Workers | 2,060 | N.A. | 2.8 |
| Service Workers | 620 | N.A. | 0.8 |
| Janitors, Porters, and Cleaners | 560 | 22.1 | 0.7 |
| Other Service Workers | 60 | N.A. | 0.1 |
| Maintenance and Production Workers | 22,610 | N.A. | 30.3 |
| Supervisors | 1,310 | 16.6 | 1.8 |
| Mechanics and Repairers | 8,060 | N.A. | 10.8 |
| Automotive Mechanics | 2,480 | 23.0 | 3.3 |
| Other Mechanics and Repairers | 5,580 | N.A. | 7.5 |
| Truck Drivers | 1,640 | 12.5 | 2.2 |
| Crane, Derrick, and Hoist Operators | 200 | 18.6 | 0.3 |
| Delivery and Route Workers | 1,190 | 14.9 | 1.6 |
| Industrial Truck Operators | 480 | 15.8 | 0.6 |
| Order Fillers | 1,800 | 13.5 | 2.4 |
| Other Skilled Workers | 2,330 | N.A. | 3.1 |
| Other Semiskilled Workers | 2,870 | N.A. | 3.8 |
| Other Unskilled Workers | 2,730 | N.A. | 3.7 |
| Clerical Workers | 19,720 | N.A. | 26.5 |
| Supervisors | 600 | 21.4 | 0.8 |
| Office Machine Operators | 1,340 | N.A. | 1.8 |
| Bookkeeping/Billing Machine Operators | 920 | 17.2 | 1.2 |
| Computer Operators | 140 | 26.4 | 0.2 |
| Other Office Machine Operators | 280 | N.A. | 0.4 |

WHOLESALE TRADE - DURABLE GOODS
(SIC 50)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Accounting Clerks | 830 | 16.3 | 1.1 |
| Bookkeepers, Hand | 1,110 | 14.8 | 1.5 |
| Cashiers | 470 | 26.8 | 0.6 |
| General Office Clerks | 3,160 | 15.6 | 4.2 |
| Order Clerks | 2,240 | 15.2 | 3.0 |
| Secretaries | 2,470 | 13.5 | 3.3 |
| Switchboard Operators/Receptionists | 80 | 28.7 | 0.1 |
| Typists | 680 | 19.0 | 0.9 |
| Shipping Packers | 1,370 | 17.9 | 1.8 |
| Shipping/Receiving Clerks | 1,660 | 15.7 | 2.2 |
| Stock Clerks, Stockroom | 2,750 | 19.6 | 3.7 |
| Other Clerical Workers | 960 | N.A. | 1.3 |
| Sales Workers | 17,240 | N.A. | 23.1 |
| Sales Representatives | 15,350 | 11.8 | 20.6 |
| Sales Clerks | 1,520 | 18.1 | 2.0 |
| Other Sales Workers | 370 | N.A. | 0.5 |

1/ Details may not add to total because of rounding or data suppression.

WHOLESALE TRADE - NONDURABLE GOODS
(SIC 51)

June, 1982

Included in this major group are those establishments engaged in the wholesale distribution of nondurable goods. This classification includes paper, drug supplies, dry goods, farm products, chemicals, petroleum, and alcoholic beverages.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 52,120 | N.A. | 100.0 |
| Managers and Officers | 4,600 | N.A. | 8.8 |
| Managers, Merchandise | 1,560 | 10.5 | 3.0 |
| Managers, Store | 250 | 26.5 | 0.5 |
| Managers, Wholesale | 1,420 | 10.3 | 2.7 |
| Other Managers | 1,370 | N.A. | 2.6 |
| Professional and Technical Workers | 1,310 | N.A. | 2.5 |
| Buyers, Retail and/or Wholesale Trade | 580 | 20.6 | 1.1 |
| Accountants and Auditors | 370 | 11.6 | 0.7 |
| Personnel and Labor Relations Specialists | 30 | 23.7 | 0.1 |
| Computer Programmers | 40 | 21.3 | 0.1 |
| Other Professional and Technical Workers | 290 | N.A. | 0.6 |
| Service Workers | 840 | N.A. | 1.6 |
| Janitors, Porters, and Cleaners | 600 | 19.5 | 1.2 |
| Guards and Doorkeepers | 30 | 34.6 | 0.1 |
| Other Service Workers | 210 | N.A. | 0.4 |
| Maintenance and Production Workers | 20,890 | N.A. | 40.1 |
| Supervisors | 910 | 19.1 | 1.7 |
| Mechanics and Repairers | 470 | N.A. | 0.9 |
| Automotive Mechanics | 220 | 15.3 | 0.4 |
| Diesel Mechanics | 70 | 26.5 | 0.1 |
| Other Mechanics and Repairers | 180 | N.A. | 0.4 |
| Truck Drivers | 2,630 | 10.2 | 5.0 |
| Delivery and Route Workers | 6,160 | 11.7 | 11.8 |
| Industrial Truck Operators | 1,050 | 21.8 | 2.0 |
| Maintenance Repairers | 550 | 20.2 | 1.0 |
| Trades Helpers | 30 | 32.1 | 0.1 |
| Order Fillers | 1,840 | 15.8 | 3.5 |
| Fuel Pump Attendants | 330 | 34.3 | 0.6 |
| Other Skilled Workers | 190 | N.A. | 0.4 |
| Other Semiskilled Workers | 940 | N.A. | 1.8 |
| Other Unskilled Workers | 5,790 | N.A. | 11.1 |
| Clerical Workers | 12,610 | N.A. | 24.2 |
| Supervisors | 450 | 20.3 | 0.8 |
| Office Machine Operators | 930 | N.A. | 1.8 |
| Bookkeeping/Billing Machine Operators | 620 | 20.7 | 1.2 |
| Computer Operators | 130 | 17.6 | 0.2 |
| Keypunch Operators | 120 | 18.2 | 0.2 |
| Peripheral EDP Equipment Operators | 60 | 26.8 | 0.1 |

WHOLESALE TRADE - NONDURABLE GOODS
(SIC 51)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Accounting Clerks | 490 | 12.7 | 0.9 |
| Bookkeepers, Hand | 1,050 | 15.1 | 2.0 |
| Cashiers | 680 | 28.9 | 1.3 |
| General Office Clerks | 1,570 | 14.4 | 3.0 |
| Order Clerks | 1,100 | 21.0 | 2.1 |
| Secretaries | 1,560 | 9.6 | 3.0 |
| Switchboard Operators/Receptionists | 40 | 24.8 | 0.1 |
| Typists | 360 | 24.0 | 0.7 |
| Shipping Packers | 1,550 | 22.8 | 3.0 |
| Shipping/Receiving Clerks | 1,110 | 30.0 | 2.1 |
| Weighers, Recordkeeping | 60 | 34.7 | 0.1 |
| Stock Clerks, Stockroom | 1,400 | 24.7 | 2.7 |
| Other Clerical Workers | 260 | N.A. | 0.5 |
| Sales Workers | 11,870 | N.A. | 22.8 |
| Sales Representatives | 10,350 | 8.1 | 19.8 |
| Sales Clerks | 1,400 | 14.6 | 2.7 |
| Other Sales Workers | 120 | N.A. | 0.2 |

1/ Details may not add to total because of rounding or data suppression.

BUILDING MATERIALS AND GARDEN SUPPLIES
(SIC 52)

June, 1982

This major group includes establishments primarily engaged in selling lumber and other building material; paint; glass; wallpaper; hardware; garden supplies; and mobile homes. Establishments whose sales are mostly to contractors are considered "retail" and are included in this group.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 18,590 | N.A. | 100.0 |
| Managers and Officers | 2,970 | N.A. | 15.9 |
| Managers, Merchandise | 410 | 9.6 | 2.2 |
| Managers, Store | 2,310 | 3.7 | 12.4 |
| Other Managers | 250 | N.A. | 1.3 |
| Professional and Technical Workers | 600 | N.A. | 3.2 |
| Buyers, Retail and/or Wholesale Trade | 240 | 13.0 | 1.3 |
| Accountants and Auditors | 240 | 13.0 | 1.3 |
| Other Professional and Technical Workers | 120 | N.A. | 0.6 |
| Service Workers | 330 | N.A. | 1.8 |
| Janitors, Porters, and Cleaners | 270 | 15.3 | 1.5 |
| Other Service Workers | 60 | N.A. | 0.3 |
| Maintenance and Production Workers | 5,940 | N.A. | 31.9 |
| Supervisors | 210 | 15.2 | 1.1 |
| Mechanics and Repairers | 430 | N.A. | 2.4 |
| Gasoline-Engine, Mower Repairers | 250 | 12.5 | 1.4 |
| Other Mechanics and Repairers | 180 | N.A. | 1.0 |
| Truck Drivers | 1,260 | 9.0 | 6.8 |
| Carpenters | 150 | 27.1 | 0.8 |
| Delivery and Route Workers | 460 | 12.0 | 2.5 |
| Glaziers | 350 | 27.9 | 1.9 |
| Industrial Truck Operators | 250 | 14.8 | 1.3 |
| Maintenance Repairers | 270 | 14.8 | 1.4 |
| Stock Clerks, Sales Floor | 550 | 12.9 | 3.0 |
| Wood Machinists | 380 | 28.1 | 2.0 |
| Truck Driver Helpers | 50 | 19.7 | 0.3 |
| Mobile Home Repairers | 100 | 19.5 | 0.5 |
| Mobile Home Set-Up Operators | 380 | 10.7 | 2.1 |
| Other Skilled Workers | 100 | N.A. | 0.5 |
| Other Semiskilled Workers | 360 | N.A. | 1.9 |
| Other Unskilled Workers | 640 | N.A. | 3.4 |
| Clerical Workers | 4,230 | N.A. | 22.7 |
| Supervisors | 30 | 7.1 | 0.2 |
| Office Machine Operators | 100 | N.A. | 0.5 |
| Computer Operators | 70 | 7.0 | 0.4 |
| Other Office Machine Operators | 30 | N.A. | 0.1 |

BUILDING MATERIALS AND GARDEN SUPPLIES
(SIC 52)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Accounting Clerks | 300 | 13.6 | 1.6 |
| Bookkeepers, Hand | 580 | 7.8 | 3.1 |
| Cashiers | 350 | 12.6 | 1.9 |
| General Office Clerks | 790 | 7.3 | 4.2 |
| Secretaries | 530 | 8.7 | 2.8 |
| Shipping/Receiving Clerks | 330 | 13.5 | 1.8 |
| Stock Clerks, Stockroom | 990 | 11.2 | 5.3 |
| Other Clerical Workers | 230 | N.A. | 1.2 |
| Sales Workers | 4,520 | N.A. | 24.3 |
| Sales Representatives | 2,720 | 5.8 | 14.6 |
| Sales Clerks | 1,800 | 7.2 | 9.7 |

1/ Details may not add to total because of rounding or data suppression.

GENERAL MERCHANDISE STORES
(SIC 53)

June, 1982

This category includes retail stores commonly known as department and variety stores, general stores, etc. Establishments in this major group include stores which sell a variety of merchandise such as dry goods, apparel, small wares, and others.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 51,080 | N.A. | 100.0 |
| Managers and Officers | 4,480 | N.A. | 8.8 |
| Managers, Merchandise | 610 | 13.4 | 1.2 |
| Managers, Store | 2,710 | 7.5 | 5.3 |
| Managers, Automobile Service Department | 40 | 20.6 | 0.1 |
| Managers, Restaurant | 30 | 28.2 | 0.1 |
| Other Managers | 1,090 | N.A. | 2.1 |
| Professional and Technical Workers | 1,390 | N.A. | 2.7 |
| EDP Systems Analysts | 40 | 34.7 | 0.1 |
| Buyers, Retail and/or Wholesale Trade | 710 | 14.6 | 1.4 |
| Accountants and Auditors | 100 | 32.8 | 0.2 |
| Commercial Artists | 100 | 12.9 | 0.2 |
| Personnel and Labor Relations Specialists | 120 | 12.9 | 0.2 |
| Designers | 50 | 24.2 | 0.1 |
| Computer Programmers | 50 | 34.0 | 0.1 |
| Other Professional and Technical Workers | 220 | N.A. | 0.4 |
| Service Workers | 2,500 | N.A. | 4.9 |
| Janitors, Porters, and Cleaners | 980 | 10.0 | 1.9 |
| Waiters and Waitresses | 310 | 19.5 | 0.6 |
| Counter Attendants | 80 | 24.7 | 0.2 |
| Cooks, Short Order | 160 | 26.3 | 0.3 |
| Other Food Service Workers | 230 | N.A. | 0.4 |
| Store Detectives | 210 | 15.3 | 0.4 |
| Other Service Workers | 530 | N.A. | 1.1 |
| Maintenance and Production Workers | 4,870 | N.A. | 9.5 |
| Supervisors | 100 | 10.1 | 0.2 |
| Mechanics and Repairers | 580 | N.A. | 1.2 |
| Maintenance Mechanics | 80 | 27.2 | 0.2 |
| Other Mechanics and Repairers | 500 | N.A. | 1.0 |
| Truck Drivers | 230 | 10.0 | 0.4 |
| Carpenters | 60 | 17.3 | 0.1 |
| Delivery and Route Workers | 110 | 20.7 | 0.2 |
| Merchandise Displayers | 220 | 11.9 | 0.4 |
| Industrial Truck Operators | 60 | 11.1 | 0.1 |
| Maintenance Repairers | 160 | 34.7 | 0.3 |
| Order Fillers | 100 | 31.5 | 0.2 |
| Alterations Tailers | 470 | 18.0 | 0.9 |
| Other Skilled Workers | 200 | N.A. | 0.4 |

GENERAL MERCHANDISE STORES
SIC 53)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Other Semiskilled Workers | 290 | N.A. | 0.6 |
| Other Unskilled Workers | 2,290 | N.A. | 4.5 |
| Clerical Workers | 12,800 | N.A. | 25.0 |
| Supervisors | 230 | 19.2 | 0.4 |
| Office Machine Operators | 390 | N.A. | 0.8 |
| Computer Operators | 90 | 25.3 | 0.2 |
| Keypunch Operators | 110 | 19.4 | 0.2 |
| Peripheral EDP Equipment Operators | 40 | 12.1 | 0.1 |
| Other Office Machine Operators | 150 | N.A. | 0.3 |
| Stenographers | 160 | 18.1 | 0.3 |
| Accounting Clerks | 810 | 19.3 | 1.6 |
| Bookkeepers, Hand | 430 | 14.9 | 0.8 |
| Adjustment Clerks | 500 | 21.4 | 1.0 |
| Cashiers | 3,650 | 12.9 | 7.1 |
| File Clerks | 50 | 15.0 | 0.1 |
| General Office Clerks | 1,660 | 12.4 | 3.2 |
| Credit Authorizers | 300 | 21.3 | 0.6 |
| Payroll/Timekeeping Clerks | 40 | 20.2 | 0.1 |
| Personnel Clerks | 110 | 21.6 | 0.2 |
| Secretaries | 530 | 17.7 | 1.0 |
| Service Clerks | 280 | 29.0 | 0.6 |
| Switchboard Operators | 180 | 20.0 | 0.4 |
| Switchboard Operators/Receptionists | 110 | 26.0 | 0.2 |
| Shipping Packers | 170 | 15.9 | 0.3 |
| Shipping/Receiving Clerks | 560 | 12.6 | 1.1 |
| Stock Clerks, Stockroom | 1,070 | 11.4 | 2.1 |
| Marking Clerks | 780 | 10.6 | 1.5 |
| Other Clerical Workers | 790 | N.A. | 1.5 |
| Sales Workers | 25,040 | N.A. | 49.0 |
| Sales Representatives | 5,090 | 20.2 | 9.9 |
| Sales Clerk Supervisors | 690 | 27.0 | 1.3 |
| Sales Clerks | 18,920 | 8.9 | 37.0 |
| Other Sales Workers | 340 | N.A. | 0.7 |

1/ Details may not add to total because of rounding or data suppression.

GROCERY STORES
(SIC 541)

June, 1982

This group includes establishments commonly known as supermarkets, food stores, grocery stores, and delicatessen stores. These are primarily engaged in the retail sale of all sorts of canned foods and dry goods, either packaged or in bulk; fresh fruits and vegetables; and frequently fresh, smoked and prepared meats, fish, and poultry.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 56,820 | N.A. | 100.0 |
| Managers and Officers | 6,940 | N.A. | 12.2 |
| Managers, Store | 6,430 | 10.3 | 11.3 |
| Other Managers | 510 | N.A. | 0.9 |
| Professional and Technical Workers | 850 | N.A. | 1.5 |
| Service Workers | 4,520 | N.A. | 7.9 |
| Janitors, Porters, and Cleaners | 130 | 24.4 | 0.2 |
| Butchers and/or Meatcutters | 2,110 | 16.4 | 3.7 |
| Other Service Workers | 2,280 | N.A. | 4.0 |
| Maintenance and Production Workers | 17,520 | N.A. | 30.8 |
| Truck Drivers | 300 | 33.6 | 0.5 |
| Production Packagers | 560 | 25.8 | 1.0 |
| Baggers | 7,540 | 11.8 | 13.3 |
| Stock Clerks, Sales Floor | 8,080 | 13.8 | 14.2 |
| Bakers | 150 | 11.9 | 0.2 |
| Other Skilled Workers | 350 | N.A. | 0.6 |
| Other Semiskilled Workers | 170 | N.A. | 0.3 |
| Other Unskilled Workers | 370 | N.A. | 0.6 |
| Clerical Workers | 21,710 | N.A. | 38.2 |
| Office Machine Operators | 90 | N.A. | 0.2 |
| Computer Operators | 40 | 34.5 | 0.1 |
| Keypunch Operators | 50 | 23.6 | 0.1 |
| Bookkeepers, Hand | 1,110 | 17.8 | 1.9 |
| Cashiers | 17,520 | 9.9 | 30.8 |
| General Office Clerks | 440 | 17.2 | 0.8 |
| Stock Clerks, Stock Room | 1,230 | 28.5 | 2.2 |
| Other Clerical Workers | 1,320 | N.A. | 2.3 |
| Sales Workers | 5,280 | N.A. | 9.3 |
| Sales Clerks | 4,940 | 30.5 | 8.7 |
| Other Sales Workers | 340 | N.A. | 0.6 |

1/ Details may not add to total because of rounding or data suppression.

AUTOMOTIVE DEALERS AND SERVICE STATIONS
(SIC 55)

June, 1982

This major group includes establishments selling new, used, or new and used automobiles and recreation equipment, gasoline stations, and motorcycle dealers. Boat and utility trailer dealers are also included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 39,670 | N.A. | 100.0 |
| Managers and Officers | 6,600 | N.A. | 16.6 |
| Managers, Store | 3,930 | 8.5 | 9.9 |
| Managers, Automobile Service Department | 1,510 | 8.6 | 3.8 |
| Managers, Automotive Parts Department | 930 | 10.5 | 2.3 |
| Other Managers | 230 | N.A. | 0.6 |
| Professional and Technical Workers | 380 | N.A. | 1.0 |
| Accountants and Auditors | 310 | 18.8 | 0.8 |
| Other Professional and Technical Workers | 70 | 22.1 | 0.2 |
| Service Workers | 1,090 | N.A. | 2.8 |
| Janitors, Porters, and Cleaners | 550 | 23.2 | 1.4 |
| Other Service Workers | 540 | N.A. | 1.4 |
| Maintenance and Production Workers | 17,830 | N.A. | 45.0 |
| Supervisors | 390 | 24.2 | 1.0 |
| Mechanics and Repairers | 8,070 | N.A. | 20.3 |
| Aircraft Mechanics | 30 | 25.6 | 0.1 |
| Automotive Mechanics | 6,560 | 6.2 | 16.5 |
| Automotive Body Repairers | 1,070 | 11.0 | 2.7 |
| Other Mechanics and Repairers | 410 | N.A. | 1.0 |
| Truck Drivers | 310 | 31.8 | 0.8 |
| Vehicle Cleaners | 1,310 | 13.1 | 3.3 |
| Delivery and Route Workers | 420 | 32.6 | 1.0 |
| Trades Helpers | 590 | 22.7 | 1.5 |
| Automotive Painters | 390 | 24.1 | 1.0 |
| Tire Fabricators | 430 | 30.2 | 1.1 |
| Fuel Pump Attendents | 3,480 | 16.1 | 8.8 |
| Tire Changers | 1,940 | 13.3 | 4.9 |
| Other Skilled Workers | 300 | N.A. | 0.8 |
| Other Semiskilled Workers | 110 | N.A. | 0.3 |
| Other Unskilled Workers | 90 | N.A. | 0.2 |
| Clerical Workers | 7,380 | N.A. | 18.6 |
| Accounting Clerks | 570 | 18.3 | 1.4 |
| Bookkeepers, Hand | 1,260 | 12.0 | 3.2 |
| Cashiers | 2,180 | 29.5 | 5.5 |
| General Office Clerks | 1,430 | 13.6 | 3.6 |
| Secretaries | 440 | 16.9 | 1.1 |
| Service Clerks | 450 | 18.2 | 1.1 |
| Stock Clerks, Stockroom | 920 | 17.3 | 2.3 |
| Other Clerical Workers | 130 | N.A. | 0.3 |

AUTOMOTIVE DEALERS AND SERVICE STATIONS
(SIC 55)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Sales Workers | 6,380 | N.A. | 16.1 |
| Sales Representatives | 4,760 | 6.6 | 12.0 |
| Sales Clerks | 1,620 | 26.3 | 4.1 |

1/ Details may not add to total because of rounding or data suppression.

APPAREL AND ACCESSORY STORES
(SIC 56)

June, 1982

This major group includes retail establishments primarily engaged in selling new clothing, shoes, hats, and other articles for personal wear. Furriers and custom tailors that have inventory on hand are included in this group.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 21,780 | N.A. | 100.0 |
| Managers and Officers | 3,870 | N.A. | 17.8 |
| Managers, Merchandise | 330 | 17.7 | 1.5 |
| Managers, Store | 3,410 | 4.3 | 15.7 |
| Other Managers | 130 | N.A. | 0.6 |
| Professional and Technical Workers | 570 | N.A. | 2.6 |
| Buyers, Retail and/or Wholesale Trade | 500 | 13.8 | 2.3 |
| Other Professional and Technical Workers | 70 | N.A. | 0.3 |
| Service Workers | 430 | N.A. | 2.0 |
| Maintenance and Production Workers | 1,740 | N.A. | 8.0 |
| Alterations Tailors | 730 | 12.2 | 3.4 |
| Stock Clerks, Sales Floor | 670 | 19.0 | 3.1 |
| Other Skilled Workers | 120 | N.A. | 0.6 |
| Other Semiskilled Workers | 60 | N.A. | 0.3 |
| Other Unskilled Workers | 160 | N.A. | 0.7 |
| Clerical Workers | 2,360 | N.A. | 10.8 |
| Accounting Clerks | 120 | 19.0 | 0.5 |
| Bookkeepers, Hand | 410 | 11.9 | 1.9 |
| Cashiers | 820 | 17.6 | 3.8 |
| General Office Clerks | 300 | 21.2 | 1.4 |
| Secretaries | 160 | 25.7 | 0.7 |
| Shipping Packers | 20 | 0.0 | 0.1 |
| Shipping/Receiving Clerks | 220 | 17.9 | 1.0 |
| Stock Clerks, Stockroom | 220 | 32.5 | 1.0 |
| Other Clerical Workers | 90 | N.A. | 0.4 |
| Sales Workers | 12,810 | N.A. | 58.8 |
| Sales Representatives | 2,010 | 14.3 | 9.2 |
| Sales Clerk Supervisors | 20 | 0.0 | 0.1 |
| Sales Clerks | 10,760 | 3.8 | 49.4 |
| Other Sales Workers | 20 | N.A. | 0.1 |

1/ Details may not add to total because of rounding or data suppression.

FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES
(SIC 57)

June, 1982

Establishments in this group are primarily retail stores selling home furnishings such as furniture, draperies, electrical and gas appliances. Antique and used furniture dealers are not included in this group.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 17,650 | N.A. | 100.0 |
| Managers and Officers | 2,480 | N.A. | 14.0 |
| Managers, Merchandise | 200 | 20.4 | 1.1 |
| Managers, Store | 2,160 | 5.5 | 12.2 |
| Other Managers and Officers | 120 | N.A. | 0.7 |
| Professional and Technical Workers | 740 | N.A. | 4.1 |
| Buyers, Retail and/or Wholesale Trade | 270 | 26.9 | 1.5 |
| Designers | 430 | 31.3 | 2.4 |
| Other Professional and Technical Workers | 40 | N.A. | 0.2 |
| Service Workers | 290 | N.A. | 1.6 |
| Janitors, Porters, and Cleaners | 290 | 19.6 | 1.6 |
| Maintenance and Production Workers | 4,690 | N.A. | 26.6 |
| Mechanics and Repairers | 1,070 | N.A. | 6.0 |
| Refrigerator/Air Conditioning Mechanics | 120 | 21.7 | 0.7 |
| Television Servicers | 680 | 12.3 | 3.8 |
| Gas and Electric Appliance Repairers | 240 | 17.3 | 1.3 |
| Other Mechanics and Repairers | 30 | N.A. | 0.2 |
| Delivery and Route Workers | 1,500 | 13.7 | 8.4 |
| Musical Instrument Repairers | 80 | 22.0 | 0.5 |
| Household Appliance Installers | 180 | 16.8 | 1.0 |
| Other Skilled Workers | 1,360 | N.A. | 7.7 |
| Other Semiskilled Workers | 400 | N.A. | 2.3 |
| Other Unskilled Workers | 100 | N.A. | 0.6 |
| Clerical Workers | 3,690 | N.A. | 20.9 |
| Supervisors | 240 | 22.6 | 1.4 |
| Accounting Clerks | 220 | 27.8 | 1.3 |
| Bookkeepers, Hand | 460 | 15.2 | 2.6 |
| Cashiers | 340 | 29.7 | 1.9 |
| General Office Clerks | 980 | 13.0 | 5.5 |
| Secretaries | 340 | 16.3 | 1.9 |
| Shipping/Receiving Clerks | 220 | 32.5 | 1.2 |
| Stock Clerks, Stockroom | 450 | 31.8 | 2.5 |
| Other Clerical Workers | 440 | N.A. | 2.5 |
| Sales Workers | 5,760 | N.A. | 32.6 |
| Sales Representatives | 4,110 | 6.6 | 23.3 |
| Sales Clerks | 1,620 | 30.7 | 9.1 |
| Other Sales Workers | 30 | N.A. | 0.2 |

1/ Details may not add to total because of rounding or data suppression.

EATING AND DRINKING PLACES
(SIC 58)

June, 1982

The establishments in this major grouping are primarily engaged in the retail selling of food and drinks for on the premises consumption. Establishments that are operated as a subordinate service facility of another industry are not included.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 108,520 | N.A. | 100.0 |
| Managers and Officers | 7,880 | N.A. | 7.2 |
| Managers, Restaurant | 6,540 | 12.6 | 6.0 |
| Other Managers and Officers | 1,340 | N.A. | 1.2 |
| Professional and Technical Workers | 820 | N.A. | 0.8 |
| Service Workers | 92,790 | N.A. | 85.5 |
| Janitors, Porters, and Cleaners | 1,330 | 34.9 | 1.2 |
| Dining Room Attendants | 2,800 | 32.5 | 2.6 |
| Hosts and Hostesses, Restaurant | 2,330 | 23.2 | 2.1 |
| Kitchen Helpers | 7,670 | 18.2 | 7.1 |
| Waiters and Waitresses | 26,180 | 15.1 | 24.1 |
| Counter Attendants | 5,090 | 33.2 | 4.7 |
| Cooks, Short Order | 5,690 | 28.9 | 5.2 |
| Cooks, Restaurant | 7,070 | 20.1 | 6.5 |
| Food Preparation and Service Workers | 30,080 | 18.4 | 27.7 |
| Other Food Service Workers | 3,630 | N.A. | 3.3 |
| Other Service Workers | 920 | N.A. | 0.8 |
| Maintenance and Production Workers | 680 | N.A. | 0.6 |
| Clerical Workers | 4,930 | N.A. | 4.5 |
| Cashiers | 3,730 | N.A. | 3.4 |
| Other Clerical Workers | 1,200 | N.A. | 1.1 |
| Sales Workers | 1,420 | N.A. | 1.3 |

1/ Details may not add to total because of rounding or data suppression.

MISCELLANEOUS RETAIL
(SIC 59)

June, 1982

This major group includes establishments not previously classified. Drug and liquor stores, florists, cigar stores, and fuel and ice dealers are included within this classification.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 48,780 | N.A. | 100.0 |
| Managers and Officers | 6,210 | N.A. | 12.7 |
| Managers, Merchandise | 710 | 13.1 | 1.5 |
| Managers, Store | 4,970 | 4.6 | 10.2 |
| Other Managers and Officers | 530 | N.A. | 1.0 |
| Professional and Technical Workers | 3,950 | N.A. | 8.1 |
| Buyers, Retail and/or Wholesale Trade | 420 | 16.2 | 0.9 |
| Pharmacists | 1,920 | 7.2 | 3.9 |
| Designers | 1,350 | 9.4 | 2.8 |
| Other Professional and Technical Workers | 260 | N.A. | 0.5 |
| Service Workers | 2,920 | N.A. | 5.9 |
| Janitors, Porters, and Cleaners | 400 | 19.5 | 0.8 |
| Other Service Workers | 2,520 | N.A. | 5.1 |
| Maintenance and Production Workers | 9,050 | N.A. | 18.5 |
| Supervisors | 250 | 27.8 | 0.5 |
| Mechanics and Repairers | 1,580 | N.A. | 3.2 |
| Automotive Mechanics | 210 | 15.1 | 0.4 |
| Gas and Electric Appliance Repairers | 320 | 11.7 | 0.6 |
| Other Mechanics and Repairers | 1,050 | N.A. | 2.2 |
| Truck Drivers | 440 | 13.3 | 0.9 |
| Delivery and Route Workers | 3,000 | 16.3 | 6.1 |
| Jewelers and Silversmiths | 230 | 27.3 | 0.5 |
| Maintenance Repairers | 250 | 20.2 | 0.5 |
| Oil-Burner-Installers | 160 | 16.4 | 0.3 |
| Order Fillers | 460 | 22.4 | 0.9 |
| Watchmakers | 150 | 29.9 | 0.3 |
| Fuel Pump Attendants | 100 | 28.8 | 0.2 |
| Opticians, Dispensing | 150 | 27.3 | 0.3 |
| Stock Clerks, Sales Floor | 1,000 | 26.2 | 2.1 |
| Other Skilled Workers | 170 | N.A. | 0.4 |
| Other Semiskilled Workers | 410 | N.A. | 0.9 |
| Other Unskilled Workers | 700 | N.A. | 1.4 |
| Clerical Workers | 11,260 | N.A. | 23.2 |
| Office Machine Operators | 560 | N.A. | 1.1 |
| Bookkeeping/Billing Machine Operators | 410 | 15.8 | 0.8 |
| Computer Operators | 30 | 26.4 | 0.1 |
| Keypunch Operators | 60 | 18.2 | 0.1 |
| Other Office Machine Operators | 60 | N.A. | 0.1 |

MISCELLANEOUS RETAIL
(SIC 59)

June, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Accounting Clerks | 440 | 13.5 | 0.9 |
| Bookkeepers, Hand | 1,190 | 8.9 | 2.4 |
| Cashiers | 5,010 | 12.1 | 10.3 |
| General Office Clerks | 1,090 | 10.9 | 2.2 |
| Payroll/Timekeeping Clerks | 30 | 19.3 | 0.1 |
| Secretaries | 560 | 13.4 | 1.2 |
| Typists | 30 | 24.4 | 0.1 |
| Shipping Packers | 160 | 24.7 | 0.3 |
| Shipping/Receiving Clerks | 330 | 15.2 | 0.7 |
| Stock Clerks, Stockroom | 660 | 23.6 | 1.4 |
| Other Clerical Workers | 1,200 | N.A. | 2.5 |
| Sales Workers | 15,390 | N.A. | 31.5 |
| Sales Representatives | 4,360 | 13.6 | 8.9 |
| Sales Clerks | 10,390 | 11.6 | 21.3 |
| Other Sales Workers | 640 | N.A. | 1.3 |

1/ Details may not add to total because of rounding or data suppression.

NORTH CAROLINA
STATE GOVERNMENT EMPLOYMENT

May, 1982

This major group includes full-time temporary, full-time permanent, part-time temporary, and part-time permanent employees on the State payroll as of May, 1982. Excluded are persons serving without compensation and persons on leave without pay. In addition, persons employed in educational services and state-operated hospitals are excluded.

| Occupation | Employment | Percent 1/ Distribution |
|---|---|---|
| Total Employment | 38,540 | 100.0 |
| Managers and Officers | 2,830 | 7.3 |
| Public Administration Inspectors | 780 | 2.0 |
| Construction Inspectors | 60 | 0.2 |
| Chief Executives, Legislative | 240 | 0.6 |
| Other Managers and Officers | 1,750 | 4.5 |
| Professional and Technical Workers | 11,480 | 29.8 |
| Engineers | 1,100 | 2.8 |
| Civil Engineers | 670 | 1.7 |
| Electrical and Electronic Engineers | 50 | 0.1 |
| Mechanical Engineers | 20 | 0.1 |
| Other Engineers | 360 | 0.9 |
| Agricultural Scientists | 80 | 0.2 |
| Foresters and Conservation Scientists | 80 | 0.2 |
| Biological Scientists | 90 | 0.2 |
| Chemists | 100 | 0.3 |
| Urban and Regional Planners | 90 | 0.2 |
| Economists | 150 | 0.4 |
| Sociologists | 50 | 0.1 |
| Lawyers | 190 | 0.5 |
| Right-of-Way Agents | 90 | 0.2 |
| Caseworkers | 740 | 1.9 |
| Community Organization Workers | 20 | 0.1 |
| Physicians and/or Surgeons | 150 | 0.4 |
| Veterinarians | 40 | 0.1 |
| Nurses, Professional | 110 | 0.3 |
| Dietitians and/or Nutritionists | 30 | 0.1 |
| Occupational Therapists | 40 | 0.1 |
| Physical Therapists | 30 | 0.1 |
| Speech Pathologists and/or Audiologists | 20 | 0.1 |
| Accountants and Auditors | 800 | 2.0 |
| Budget Analysts | 40 | 0.1 |
| Tax Examiners, Collection | 170 | 0.4 |
| Real Estate Appraisers | 50 | 0.1 |
| Purchasing Agents and Buyers | 60 | 0.1 |
| Librarians, Professional | 40 | 0.1 |
| Personnel and Labor Relations Specialists | 210 | 0.5 |
| Employment Interviewers | 820 | 2.1 |
| Vocational and Educational Counselors | 70 | 0.2 |
| Teachers and Instructors, Vocational | 100 | 0.3 |

NORTH CAROLINA
STATE GOVERNMENT EMPLOYMENT

May, 1982

| Occupation | Employment | Percent 1/ Distribution |
|---|---|---|
| Claims Takers | 30 | 0.1 |
| Public Relations Practitioners | 90 | 0.2 |
| Photographers | 20 | 0.1 |
| Commercial Artists | 30 | 0.1 |
| EDP Systems Analysts | 230 | 0.6 |
| Curators, Museum | 30 | 0.1 |
| Architects | 20 | 0.1 |
| Landscape Architects | 40 | 0.1 |
| Financial Analysts | 20 | 0.1 |
| Statisticians | 140 | 0.4 |
| Physician's Assistants | 60 | 0.1 |
| Licensed Practical Nurses | 30 | 0.1 |
| Technical Assistants, Library | 20 | 0.1 |
| Computer Programmers | 200 | 0.5 |
| Museum Technicians and/or Restorers | 20 | 0.1 |
| Drafters | 110 | 0.3 |
| Surveyors | 20 | 0.1 |
| Engineering Technicians | 830 | 2.1 |
| Civil Engineering Technicians | 700 | 1.8 |
| Other Engineering Technicians | 130 | 0.3 |
| Science Technicians | 330 | 0.8 |
| Medical and Dental Technicians | 600 | 1.5 |
| Other Physical Scientists | 70 | 0.2 |
| Other Life Scientists | 40 | 0.1 |
| Other Mathematical Scientists | 20 | 0.1 |
| Other Social Scientists | 210 | 0.5 |
| Other Therapists | 40 | 0.1 |
| Other Professional and Technical Workers | 2,670 | 6.9 |
| Service Workers | 7,420 | 19.3 |
| Supervisors, Police and Detective | 260 | 0.7 |
| Detectives, Police | 1,120 | 2.9 |
| Correction Officers and/or Jailers | 4,250 | 11.0 |
| Supervisors, Service | 390 | 1.0 |
| Janitors, Porters, and Cleaners | 150 | 0.4 |
| Guards and Doorkeepers | 70 | 0.2 |
| Gardeners and Groundskeepers | 220 | 0.5 |
| Forest Conservation Workers | 140 | 0.4 |
| Fish and Game Wardens | 30 | 0.1 |
| Animal Caretakers | 20 | 0.1 |
| Child-Care Workers | 290 | 0.7 |
| Social Service Aides | 200 | 0.5 |
| Cooks, Institution | 40 | 0.1 |
| Other Food Service Workers | 100 | 0.3 |
| Other Service Workers | 140 | 0.4 |
| Maintenance and Production Workers | 8,910 | 23.1 |
| Supervisors | 1,350 | 3.5 |
| Mechanics and Repairers | 1,000 | 2.5 |

NORTH CAROLINA
STATE GOVERNMENT EMPLOYMENT

May, 1982

| Occupation | Employment | Percent 1/ Distribution |
|---|---|---|
| Engineering Equipment Mechanics | 120 | 0.3 |
| Maintenance Mechanics | 820 | 2.1 |
| Other Mechanics and Repairers | 60 | 0.1 |
| Carpenters | 30 | 0.1 |
| Electricians | 20 | 0.1 |
| Maintenance Painters | 20 | 0.1 |
| Machinists | 30 | 0.1 |
| Welders and/or Flamecutters | 20 | 0.1 |
| Stationary Engineers | 40 | 0.1 |
| Truck Drivers | 310 | 0.8 |
| Heavy Equipment Operators | 160 | 0.4 |
| Highway Maintenance Workers | 1,880 | 4.8 |
| Other Skilled Workers | 70 | 0.2 |
| Other Semiskilled Workers | 3,240 | 8.4 |
| Other Unskilled Workers | 740 | 1.9 |
| Clerical Workers | 7,900 | 20.5 |
| Supervisors | 550 | 1.4 |
| Eligibility Workers | 20 | 0.1 |
| Library Assistants | 20 | 0.1 |
| License Clerks | 250 | 0.6 |
| Receptionists | 50 | 0.1 |
| Secretaries | 1,370 | 3.6 |
| Stenographers | 850 | 2.2 |
| Typists | 1,340 | 3.5 |
| File Clerks | 260 | 0.7 |
| Payroll/Timekeeping Clerks | 30 | 0.1 |
| Personnel Clerks | 130 | 0.3 |
| Accounting Clerks | 540 | 1.4 |
| Office Machine Operators | 790 | 2.0 |
| Bookkeeping/Billing Machine Operators | 30 | 0.1 |
| Computer Operators | 60 | 0.1 |
| Keypunch Operators | 30 | 0.1 |
| Peripheral EDP Equipment Operators | 450 | 1.1 |
| Other Office Machine Operators | 220 | 0.6 |
| General Office Clerks | 600 | 1.6 |
| Stock Clerks, Stockroom | 160 | 0.4 |
| Other Clerical Workers | 940 | 2.4 |
| Sales Workers | - | - |

1/ Details may not add to total because of rounding or data suppression.

NORTH CAROLINA
LOCAL GOVERNMENT EMPLOYMENT

May, 1982

This major group includes full-time temporary, full-time permanent, part-time temporary, and part-time permanent employees on the local government payrolls as of May, 1982. Excluded are persons serving without compensation such as unpaid officials and members of boards and commissions, as well as persons on extended leave without pay. In addition, it excludes all persons employed in educational services and local government-operated hospitals.

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Total Employment | 74,040 | N.A. | 100.0 |
| Managers and Officers | 6,980 | N.A. | 9.4 |
| Public Administration Inspectors | 750 | 6.9 | 1.0 |
| Construction Inspectors | 470 | 8.9 | 0.6 |
| Chief Executives, Legislative | 2,270 | 18.6 | 3.1 |
| Other Managers and Officers | 3,490 | N.A. | 4.7 |
| Professional and Technical Workers | 12,480 | N.A. | 16.9 |
| Engineers | 310 | N.A. | 0.4 |
| Civil Engineers | 180 | 12.2 | 0.2 |
| Other Engineers | 130 | N.A. | 0.2 |
| Chemists | 80 | 16.3 | 0.1 |
| Agricultural Scientists | 140 | 26.9 | 0.2 |
| Psychologists | 110 | 10.7 | 0.1 |
| Urban and Regional Planners | 210 | 7.9 | 0.3 |
| EDP Systems Analysts | 120 | 9.7 | 0.2 |
| Vocational and Educational Counselors | 40 | 17.4 | 0.1 |
| Purchasing Agents and Buyers | 100 | 22.6 | 0.1 |
| Accountants and Auditors | 340 | 15.4 | 0.5 |
| Budget Analysts | 60 | 9.1 | 0.1 |
| Caseworkers | 2,350 | 7.9 | 3.2 |
| Dietitians and/or Nutritionists | 180 | 16.1 | 0.2 |
| Lawyers | 200 | 24.3 | 0.3 |
| Librarians, Professional | 390 | 11.2 | 0.5 |
| Nurses, Professional | 1,220 | 10.9 | 1.7 |
| Personnel and Labor Relations Specialists | 110 | 4.9 | 0.1 |
| Physicians and/or Surgeons | 90 | 25.8 | 0.1 |
| Community Organization Workers | 380 | 13.6 | 0.5 |
| Welfare Investigators | 150 | 24.8 | 0.2 |
| Tax Examiners, Collection | 430 | 16.7 | 0.6 |
| Assessors | 110 | 10.9 | 0.1 |
| Real Estate Appraisers | 70 | 12.9 | 0.1 |
| Group Recreation Workers | 970 | 14.9 | 1.3 |
| Computer Programmers | 120 | 6.6 | 0.2 |
| Drafters | 170 | 8.3 | 0.2 |
| Surveyors | 70 | 12.9 | 0.1 |
| Engineering Technicians | 410 | N.A. | 0.5 |
| Traffic Technicians | 60 | 14.4 | 0.1 |
| Civil Engineering Technicians | 100 | 15.1 | 0.1 |
| Other Engineering Technicians | 250 | N.A. | 0.3 |

NORTH CAROLINA
LOCAL GOVERNMENT EMPLOYMENT

May, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Science Technicians | 110 | 27.3 | 0.2 |
| Licensed Practical Nurses | 180 | 15.6 | 0.2 |
| Physician's Assistants | 90 | 11.0 | 0.1 |
| Technical Assistants, Library | 460 | 10.9 | 0.6 |
| Medical and Dental Technicians | 140 | 12.2 | 0.2 |
| Emergency Medical Technicians | 700 | 21.1 | 0.9 |
| Other Professional and Technical Workers | 1,870 | N.A. | 2.5 |
| Service Workers | 20,680 | N.A. | 27.9 |
| Service Supervisors | 420 | 15.4 | 0.6 |
| Fire Fighting Supervisors | 990 | 11.9 | 1.3 |
| Janitors, Porters, and Cleaners | 1,240 | 7.8 | 1.7 |
| Guards and Doorkeepers | 140 | 13.8 | 0.2 |
| Cooks, Institution | 200 | 12.4 | 0.3 |
| Nurse Aides and/or Orderies | 400 | 12.1 | 0.5 |
| Recreation Facility Attendants | 550 | 17.9 | 0.7 |
| School Crossing Guards | 780 | 16.3 | 1.1 |
| Child-Care Workers | 290 | 13.8 | 0.4 |
| Lifeguards | 140 | 16.6 | 0.2 |
| Social Service Aides | 710 | 12.8 | 0.9 |
| Police Officers | 1,900 | 7.8 | 2.6 |
| Detectives, Police | 900 | 7.4 | 1.2 |
| Police Patrol Officers | 5,780 | 5.4 | 7.8 |
| Correction Officers and/or Jailers | 790 | 13.8 | 1.1 |
| Sheriffs | 660 | 12.9 | 0.9 |
| Bailiffs | 150 | 13.9 | 0.2 |
| Fire Inspectors | 150 | 7.8 | 0.2 |
| Fire Fighters | 3,260 | 9.9 | 4.4 |
| Other Food Service Workers | 250 | N.A. | 0.3 |
| Other Service Workers | 980 | N.A. | 1.3 |
| Maintenance and Production Workers | 17,410 | N.A. | 23.5 |
| Supervisors | 740 | 12.9 | 0.9 |
| Mechanics and Repairers | 1,390 | N.A. | 1.9 |
| Automotive Mechanics | 610 | 10.7 | 0.8 |
| Diesel Mechanics | 40 | 13.4 | 0.1 |
| Maintenance Mechanics | 210 | 30.9 | 0.3 |
| Water Meter Installers | 180 | 30.3 | 0.2 |
| Other Mechanics and Repairers | 350 | N.A. | 0.5 |
| Truck Drivers | 1,350 | 10.3 | 1.8 |
| Bus Drivers | 240 | 16.6 | 0.3 |
| Carpenters | 150 | 7.4 | 0.2 |
| Cement Masons | 40 | 18.7 | 0.1 |
| Electricians | 170 | 29.3 | 0.2 |
| Ground Workers | 310 | 31.8 | 0.4 |
| Heavy Equipment Operators | 1,120 | 12.3 | 1.5 |
| Instrument Repairers | 60 | 20.3 | 0.1 |
| Line Installers - Repairers | 160 | 30.4 | 0.2 |
| Maintenance Repairers | 620 | 21.9 | 0.8 |

NORTH CAROLINA
LOCAL GOVERNMENT EMPLOYMENT

May, 1982

| Occupation | Estimated 1/ Employment | Relative Error % | Percent 1/ Distribution |
|---|---|---|---|
| Trades Helpers | 580 | 22.8 | 0.8 |
| Maintenance Painters | 100 | 8.1 | 0.1 |
| Plumbers and/or Pipefitters | 160 | 12.9 | 0.2 |
| Refuse Collectors | 2,280 | 13.2 | 3.1 |
| Sewage - Plant Operators | 840 | 16.7 | 1.1 |
| Animal Caretakers | 140 | 8.3 | 0.2 |
| Water Treatment Plant Operators | 630 | 16.7 | 0.8 |
| Fuel Pump Attendants | 80 | 10.8 | 0.1 |
| Highway Maintenance Workers | 1,010 | 23.3 | 1.4 |
| Surveyor Helpers | 120 | 10.2 | 0.2 |
| Gardeners and Groundskeepers | 1,190 | 14.5 | 1.6 |
| Ambulance Drivers and/or Ambulance Attendants | 120 | 23.9 | 0.2 |
| Other Skilled Workers | 840 | N.A. | 1.1 |
| Other Semiskilled Workers | 740 | N.A. | 0.9 |
| Other Unskilled Workers | 2,230 | N.A. | 3.0 |
| Clerical Workers | 15,590 | N.A. | 21.1 |
| Supervisors | 680 | 19.7 | 0.9 |
| Office Machine Operators | 500 | N.A. | 0.7 |
| Computer Operators | 210 | 22.2 | 0.3 |
| Keypunch Operators | 160 | 12.9 | 0.2 |
| Other Office Machine Operators | 130 | N.A. | 0.2 |
| Stenographers | 80 | 12.2 | 0.1 |
| Accounting Clerks | 820 | 7.0 | 1.1 |
| Bookkeepers, Hand | 80 | 17.2 | 0.1 |
| Cashiers | 410 | 17.1 | 0.6 |
| File Clerks | 250 | 14.3 | 0.3 |
| General Office Clerks | 1,860 | 14.5 | 2.5 |
| Library Assistants | 530 | 12.1 | 0.7 |
| Payroll/Timekeeping Clerks | 110 | 24.4 | 0.1 |
| Personnel Clerks | 80 | 21.6 | 0.1 |
| Receptionists | 290 | 11.3 | 0.4 |
| Secretaries | 1,770 | 8.8 | 2.4 |
| Statistical Clerks | 250 | 16.4 | 0.3 |
| Switchboard Operators | 70 | 12.6 | 0.1 |
| Switchboard Operators/Receptionists | 90 | 11.9 | 0.1 |
| Typists | 2,220 | 6.9 | 2.9 |
| Eligibility Workers | 2,010 | 11.5 | 2.7 |
| Town Clerks | 230 | 30.5 | 0.3 |
| Meter Readers, Utilities | 520 | 11.3 | 0.7 |
| Stock Clerks, Stockroom | 350 | 17.2 | 0.5 |
| Dispatchers, Police | 1,230 | 13.5 | 1.7 |
| Other Clerical Workers | 1,160 | N.A. | 1.6 |
| Sales Workers | 900 | N.A. | 1.2 |
| Sales Clerks | 900 | 26.9 | 1.2 |

1/ Details may not add to total because of rounding or data suppression.